**Top Down Model**

**Flow Charts**

User Login Screen

Display Error Message

Process

User Match

Not found

General Manager Login

Purchasing Dept. Login

Store Clerk Login

View current

Items

Search

Database for Items

Add to existing data

Create New Items, Edit Items, Delete, Search

Alerts of low quantities

Alerts

Search Database

User Login Main screen

Inventory Management

**Search** **Function** **Flowchart**

Store Clerk

GM or Purchasing Department

Update Database

Remove

Yes

Display Available Items

Update Database

ADD

No

No Item found

Return Search Screen

Item Name Match

Search Database

Update Database

Edit Item Details

Search Database

User Input

User Input

User Input

User Input

Display Available Items and Quantity

User Input